

AMENDMENTS TO THE SPECIFICATION:

Please replace the full paragraph beginning at page 4, line 8, and bridging page 5 to the end of line 29, with the following rewritten paragraph:

--The invention will be better understood from the following description, which relates to a preferred embodiment, given by way of non-limiting example, and explained with reference to the accompanying drawings, in which:

Figures 1A and 1B are schematic views by transparency from the top and side of an installation according to a first preferred embodiment of the invention;

Figure 2 is a representation of the image through the optics of one of the devices for taking views, forming a part of the installation shown in Figure 1;

Figure 3 is a representation similar to that of Figure 2 with projection of the network of fringes according to the invention and correction of certain image deformations;

Figures 4A and 4B are fragmentary schematic views in side elevation of an installation according to the invention comprising two modified embodiments of a means for generating a light wall;

Figure 5 is a contour representation in silhouette of a female human subject in a front view obtained with the installation according the invention;

Figure 6 shows schematically the different phases of taking possible views according to the process of the invention;

Figures 7A [[and]] to 7C show respectively the image acquired by projection of fringes after isolation, the image obtained after extraction of the ends of the signal along vertical parallel lines and the image obtained after identification of real fringes or fragments of fringes and suppression of artifacts;

Figure 8 is a theoretical representation of the network of projected fringes;

Figures 9A [[and]] to 9C are fragmentary representations of the signal along line C-C' of Figure 8 respectively at the moment of projection of the network of fringes, at the moment of optical acquisition of the image supplied by the network of projected fringes, and after sampling;

Figures 10A to 10D are schematic representations showing different steps in the operation of identifying fragments of fringes by means of the relationship of adjacency used in the scope of the process according to the invention;

Figures 11A and 11B show, for a given plane at the level of the chest of a human, the front and rear cross-sections before and after joining;

Figure 12 is a representation of a subject in the form of a stack of cuts;

Figures 13 and 14 show schematically respectively in side view and in top view, modifications of the embodiment of installation shown in Figure 1, and,

Figure 15 is a process diagram showing the progress of a session of acquisition using the installation according to the invention in the form of a booth for human subjects.